

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033508.D
 Acq On : 20 Aug 2024 16:28
 Operator : MA/JU
 Sample : PB162787BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162787BL

Quant Time: Aug 20 16:58:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

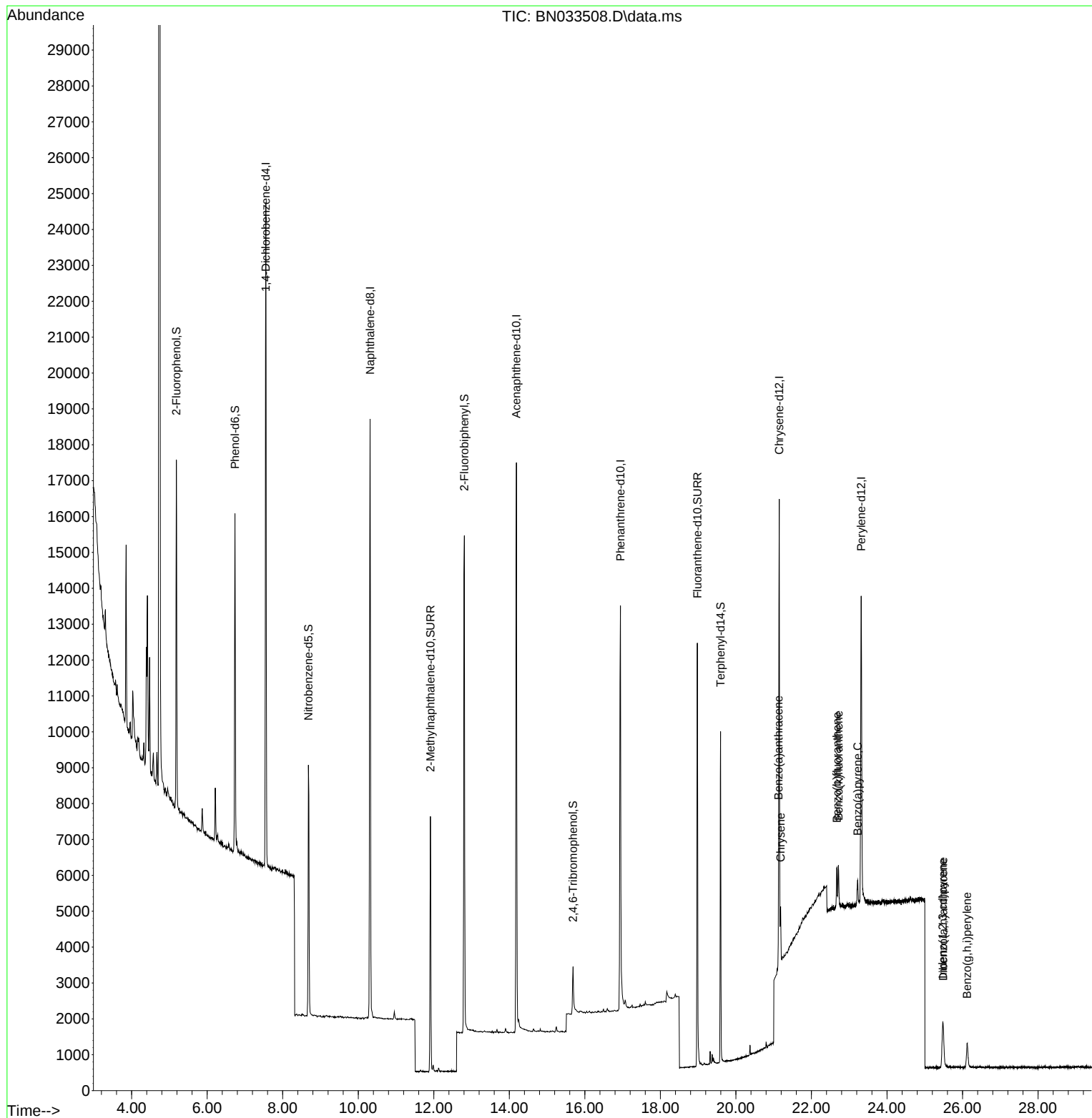
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	8441	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	21567	0.400	ng	# 0.00
13) Acenaphthene-d10	14.188	164	9670	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	18285	0.400	ng	0.00
29) Chrysene-d12	21.148	240	11101	0.400	ng	0.00
35) Perylene-d12	23.317	264	11428	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	6896	0.257	ng	0.00
5) Phenol-d6	6.736	99	8089	0.253	ng	0.00
8) Nitrobenzene-d5	8.681	82	5491	0.307	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	9369	0.304	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	958	0.184	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	13438	0.340	ng	0.00
27) Fluoranthene-d10	18.979	212	12947	0.295	ng	0.00
31) Terphenyl-d14	19.593	244	8561	0.339	ng	0.00
Target Compounds						Qvalue
32) Benzo(a)anthracene	21.130	228	1054	0.026	ng	# 90
33) Chrysene	21.184	228	1308	0.033	ng	# 90
36) Indeno(1,2,3-cd)pyrene	25.478	276	1595	0.034	ng	# 97
37) Benzo(b)fluoranthene	22.674	252	1300	0.030	ng	# 16
38) Benzo(k)fluoranthene	22.715	252	1309	0.031	ng	# 11
39) Benzo(a)pyrene	23.224	252	1097	0.031	ng	# 1
40) Dibenzo(a,h)anthracene	25.490	278	1274	0.034	ng	# 42
41) Benzo(g,h,i)perylene	26.121	276	1315	0.032	ng	# 68

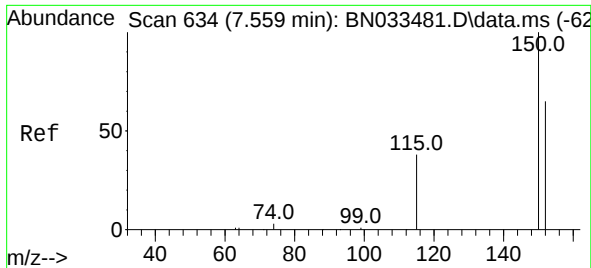
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
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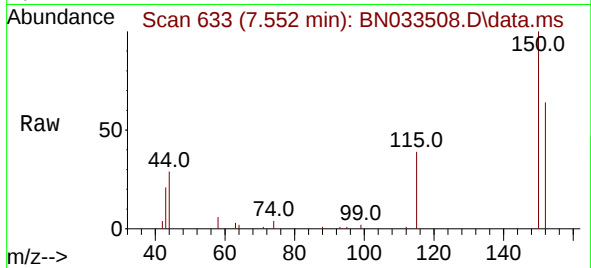
Quant Time: Aug 20 16:58:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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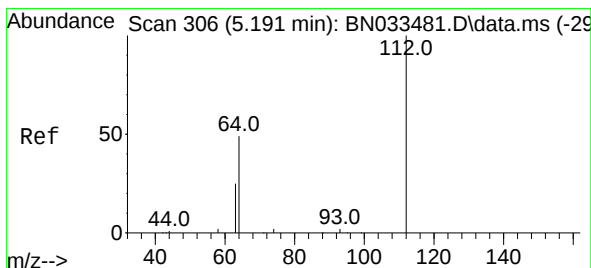
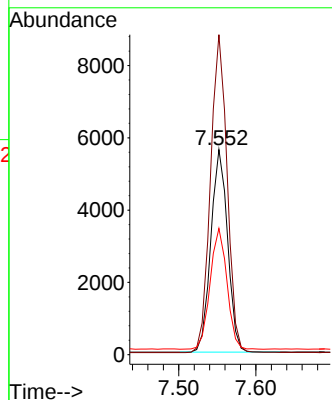
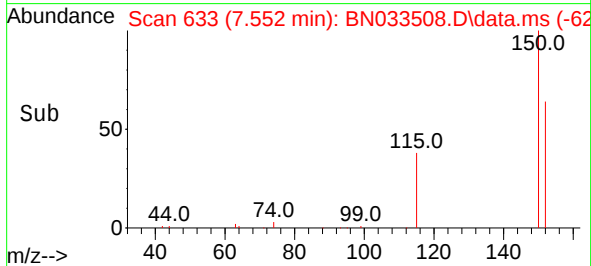


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

Instrument :
BNA_N
ClientSampleId :
PB162787BL

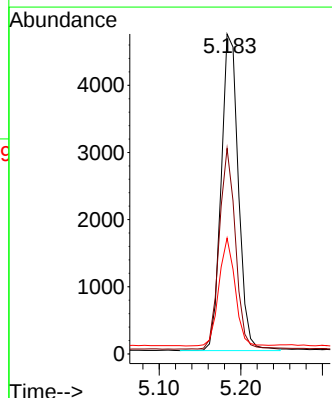
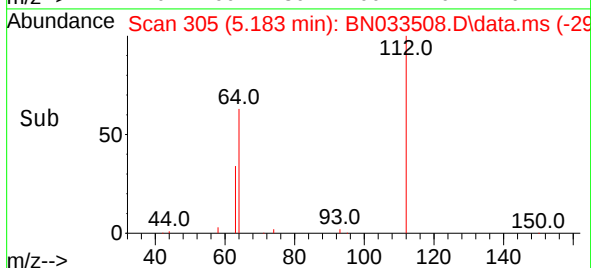
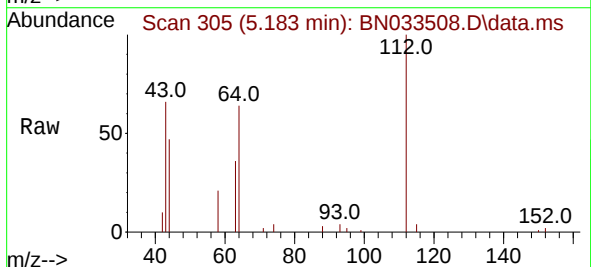


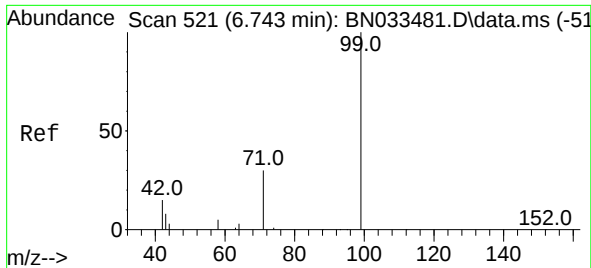
Tgt Ion:152 Resp: 8441
Ion Ratio Lower Upper
152 100
150 156.0 122.2 183.2
115 61.5 47.2 70.8



#4
2-Fluorophenol
Concen: 0.257 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

Tgt Ion:112 Resp: 6896
Ion Ratio Lower Upper
112 100
64 59.9 47.1 70.7
63 32.0 24.9 37.3

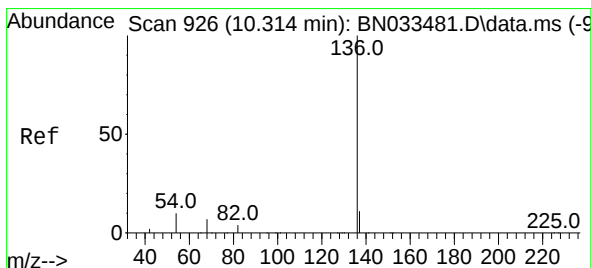
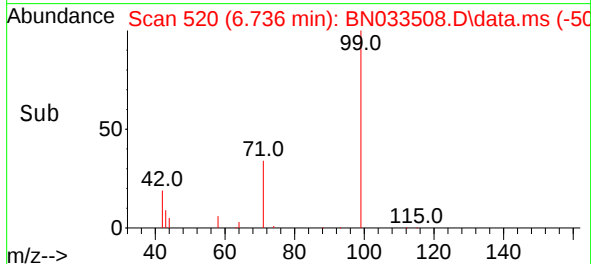
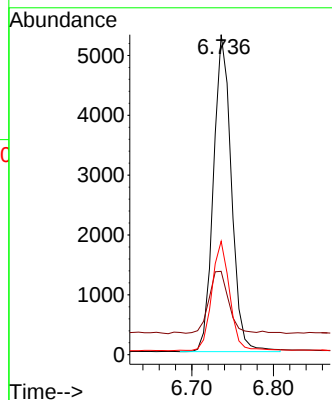
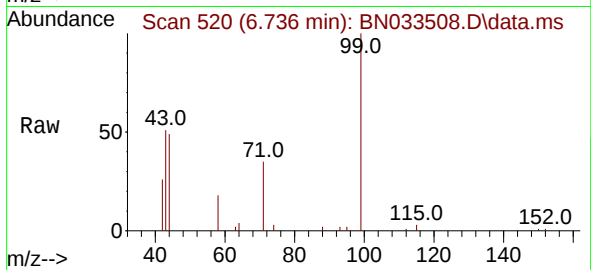




#5
Phenol-d6
Concen: 0.253 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

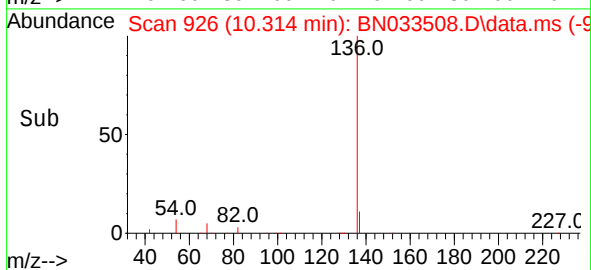
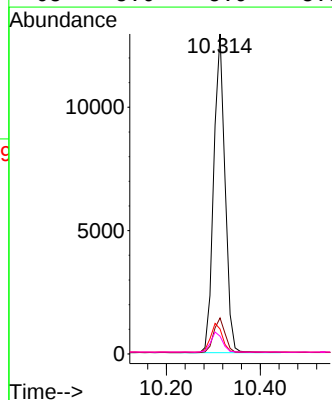
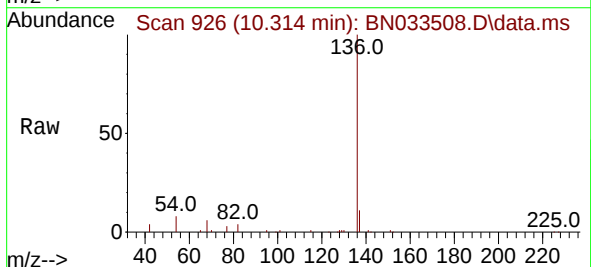
Instrument :
BNA_N
ClientSampleId :
PB162787BL

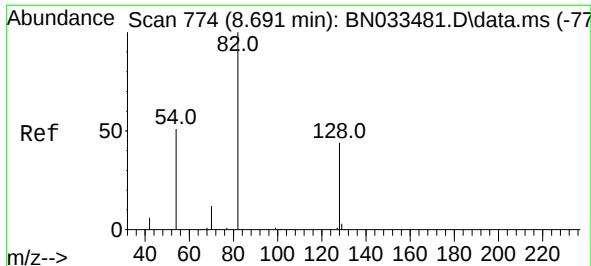
Tgt Ion: 99 Resp: 8089
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 34.4 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.000 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

Tgt Ion:136 Resp: 21567
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.8 8.3 12.5#
68 5.6 5.9 8.9#

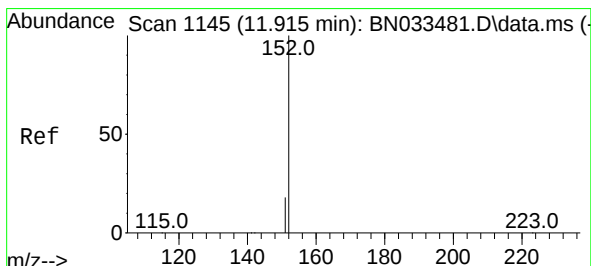
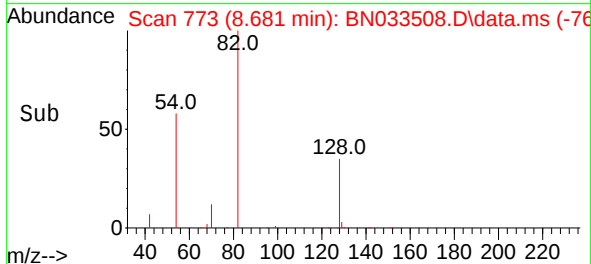
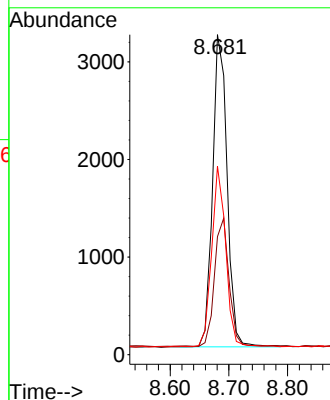
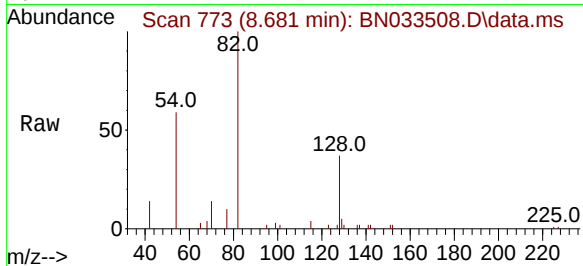




#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.681 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

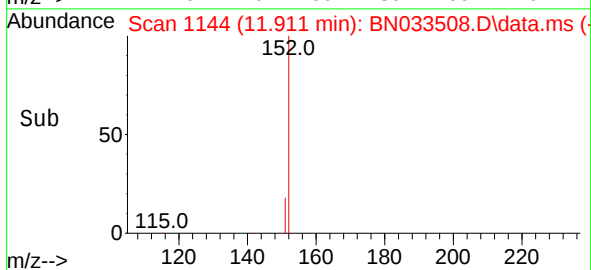
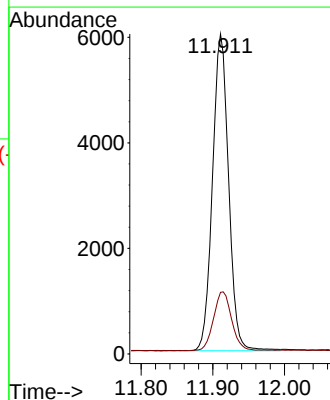
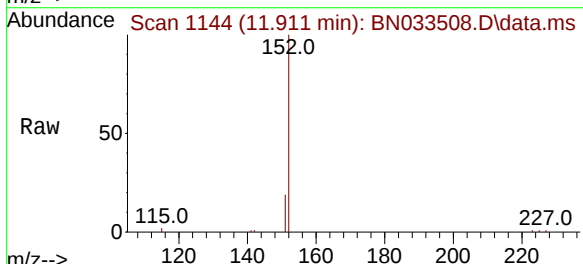
Instrument :
BNA_N
ClientSampleId :
PB162787BL

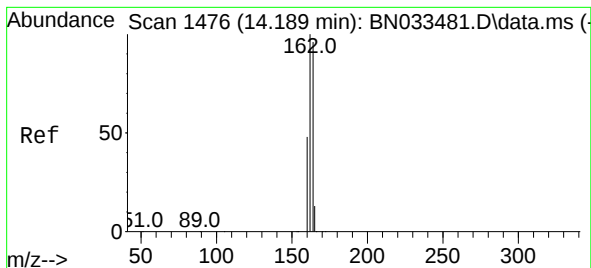
Tgt Ion: 82 Resp: 5491
Ion Ratio Lower Upper
82 100
128 36.9 36.0 54.0
54 58.9 42.0 63.0



#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 11.911 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

Tgt Ion: 152 Resp: 9369
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.188 min Scan# 1476

Delta R.T. -0.000 min

Lab File: BN033508.D

Acq: 20 Aug 2024 16:28

Instrument :

BNA_N

ClientSampleId :

PB162787BL

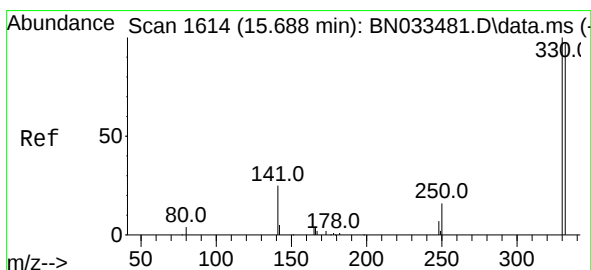
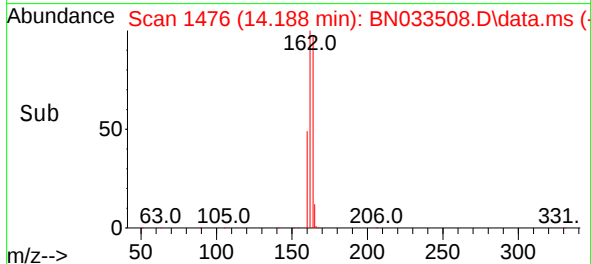
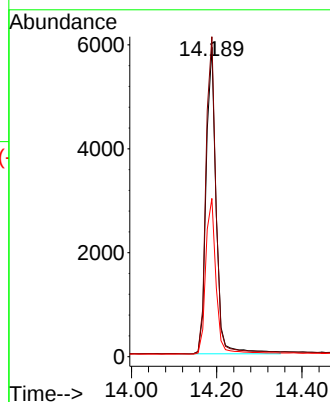
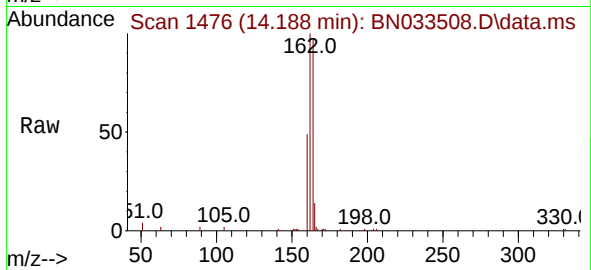
Tgt Ion:164 Resp: 9670

Ion Ratio Lower Upper

164 100

162 103.4 83.5 125.3

160 51.1 40.2 60.4



#14

2,4,6-Tribromophenol

Concen: 0.184 ng

RT: 15.688 min Scan# 1614

Delta R.T. -0.000 min

Lab File: BN033508.D

Acq: 20 Aug 2024 16:28

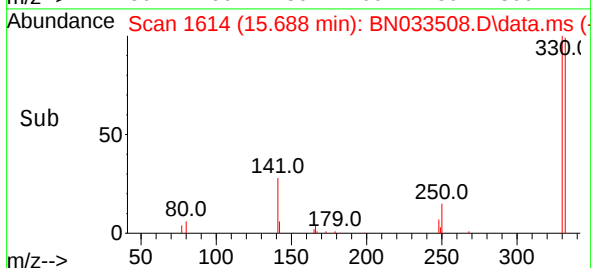
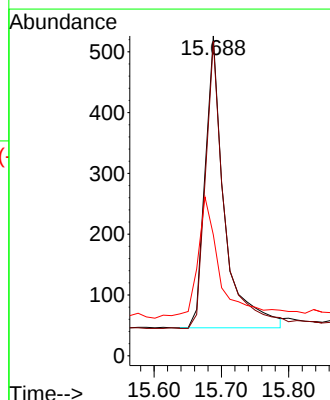
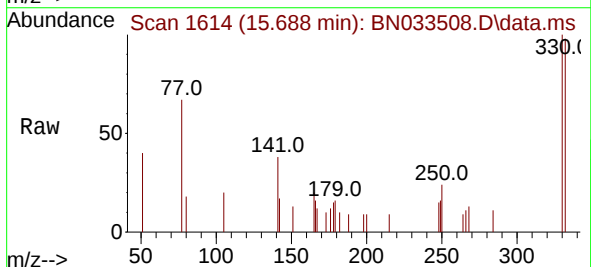
Tgt Ion:330 Resp: 958

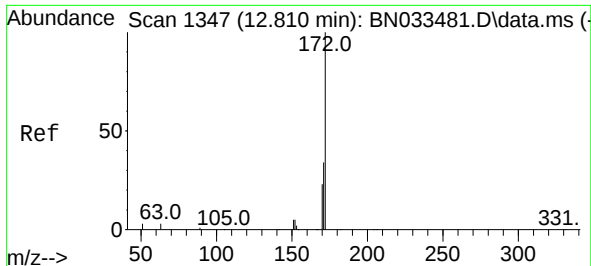
Ion Ratio Lower Upper

330 100

332 97.7 77.5 116.3

141 44.4 33.9 50.9

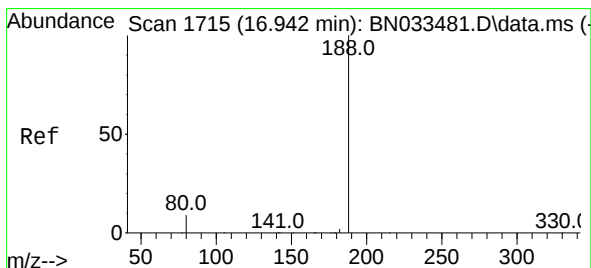
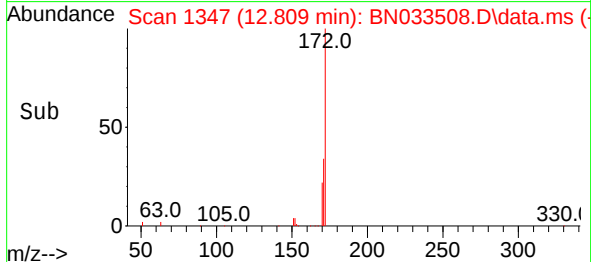
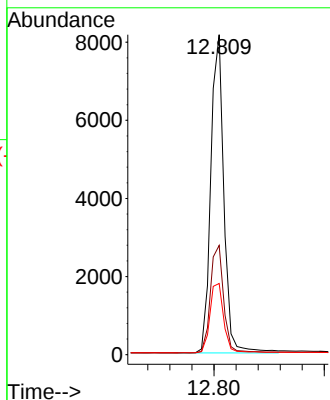
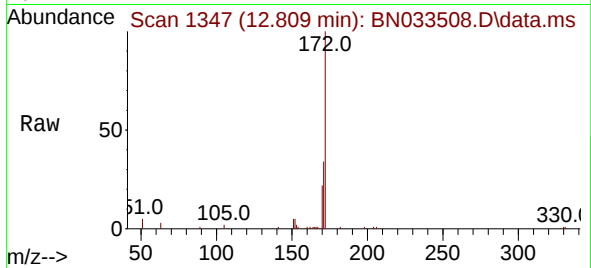




#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 12.809 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

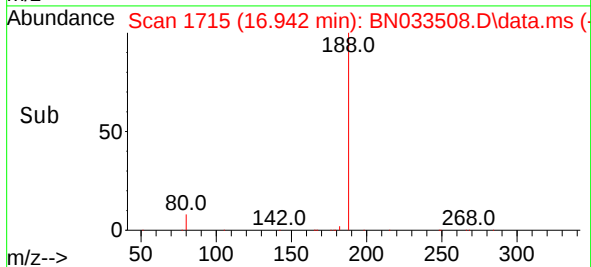
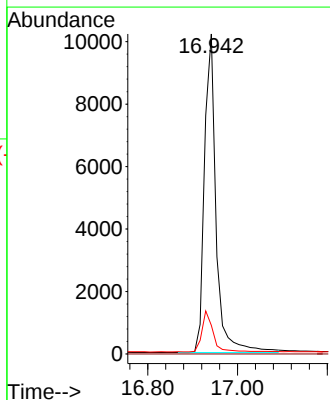
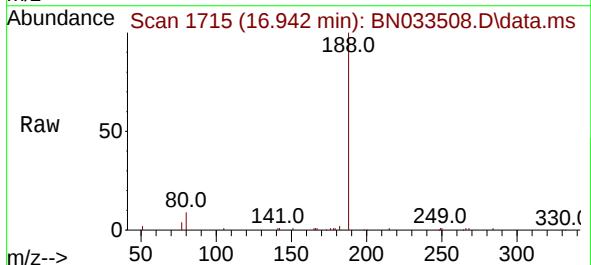
Instrument :
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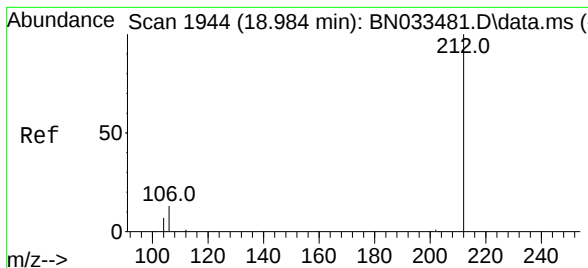
Tgt Ion:172 Resp: 13438
Ion Ratio Lower Upper
172 100
171 34.1 27.7 41.5
170 22.2 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

Tgt Ion:188 Resp: 18285
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.8 11.8





#27

Fluoranthene-d10

Concen: 0.295 ng

RT: 18.979 min Scan# 1943

Delta R.T. -0.005 min

Lab File: BN033508.D

Acq: 20 Aug 2024 16:28

Instrument :

BNA_N

ClientSampleId :

PB162787BL

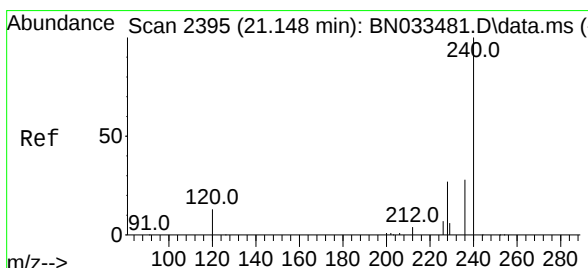
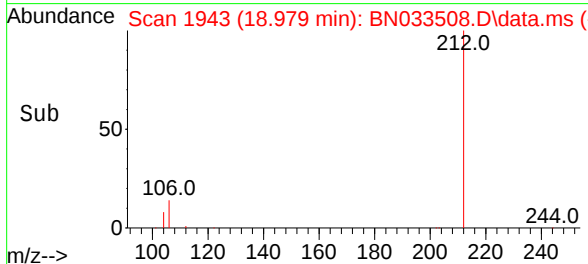
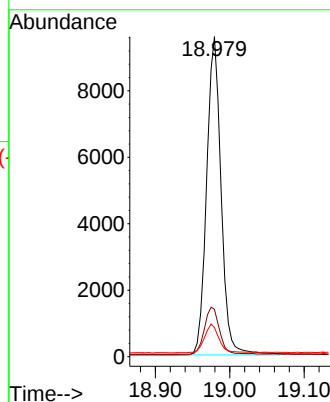
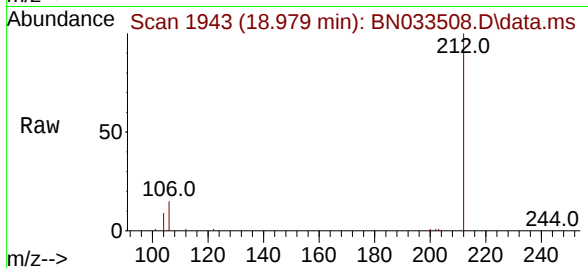
Tgt Ion:212 Resp: 12947

Ion Ratio Lower Upper

212 100

106 15.4 12.3 18.5

104 9.0 7.0 10.4



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.148 min Scan# 2395

Delta R.T. -0.000 min

Lab File: BN033508.D

Acq: 20 Aug 2024 16:28

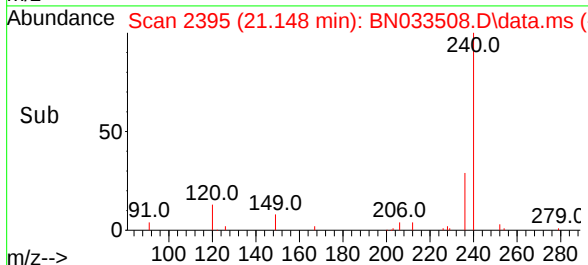
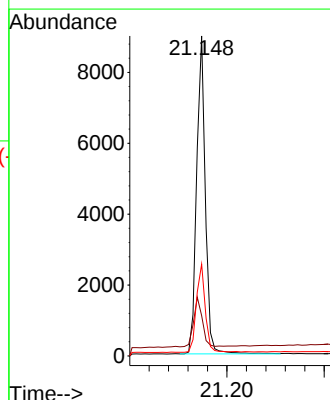
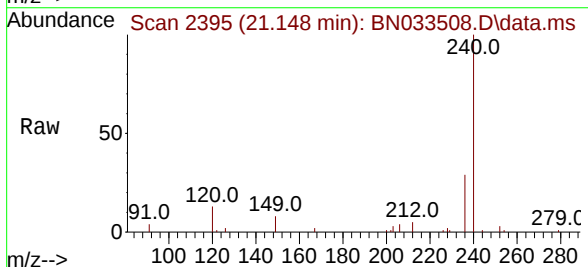
Tgt Ion:240 Resp: 11101

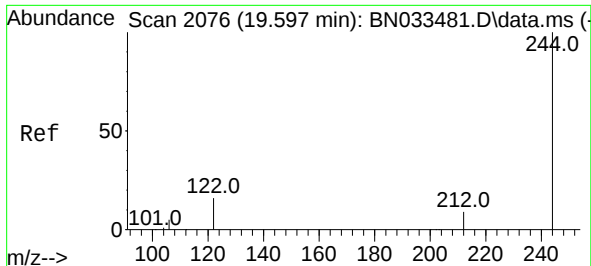
Ion Ratio Lower Upper

240 100

120 12.6 12.4 18.6

236 28.7 23.0 34.6

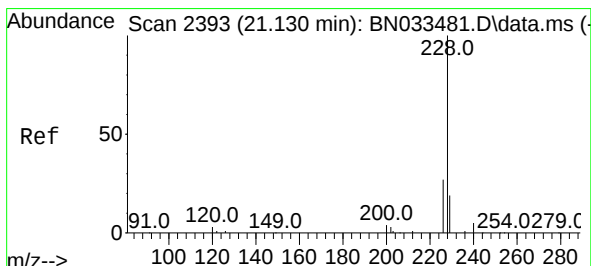
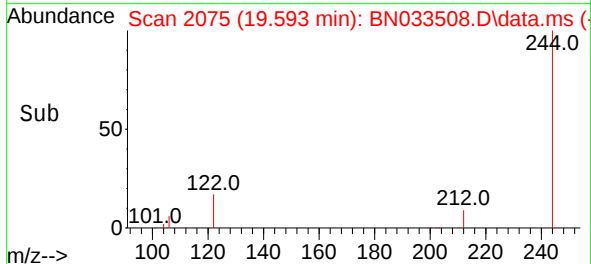
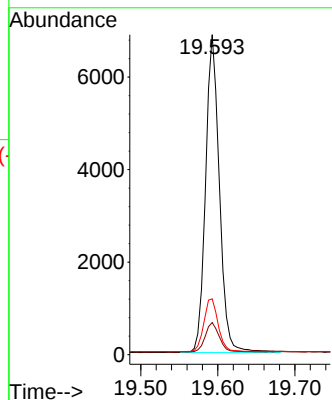
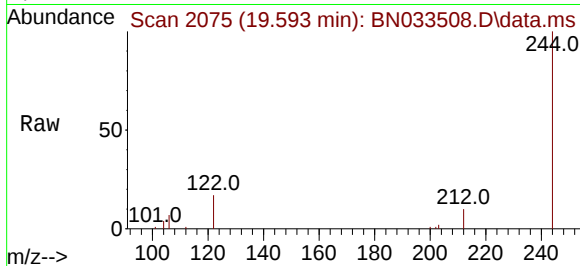




#31
Terphenyl-d14
Concen: 0.339 ng
RT: 19.593 min Scan# 2076
Delta R.T. -0.005 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

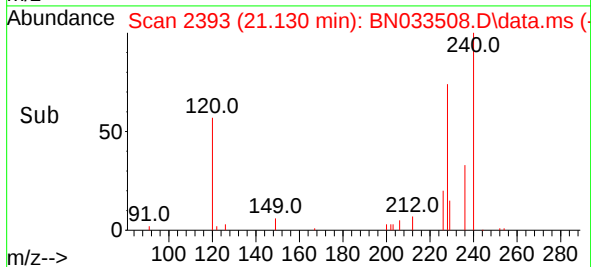
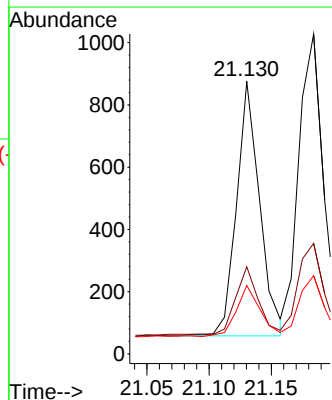
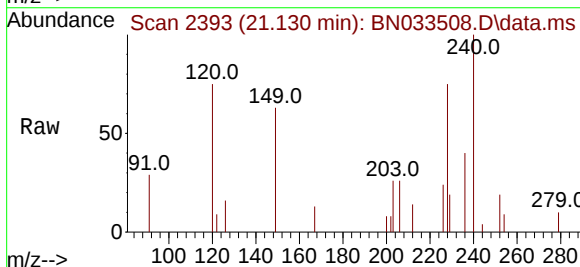
Instrument :
BNA_N
ClientSampleId :
PB162787BL

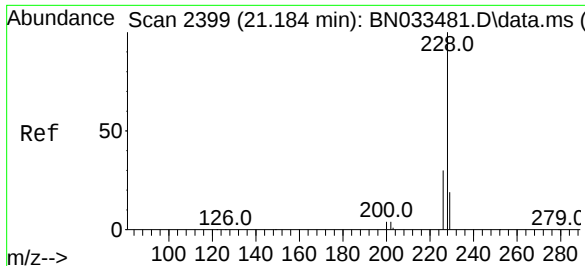
Tgt Ion:244 Resp: 8561
Ion Ratio Lower Upper
244 100
212 10.0 7.8 11.6
122 17.5 13.3 19.9



#32
Benzo(a)anthracene
Concen: 0.026 ng
RT: 21.130 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

Tgt Ion:228 Resp: 1054
Ion Ratio Lower Upper
228 100
226 32.0 21.8 32.6
229 25.1 15.8 23.6#





#33

Chrysene

Concen: 0.033 ng

RT: 21.184 min Scan# 24

Delta R.T. -0.000 min

Lab File: BN033508.D

Acq: 20 Aug 2024 16:28

Instrument :

BNA_N

ClientSampleId :

PB162787BL

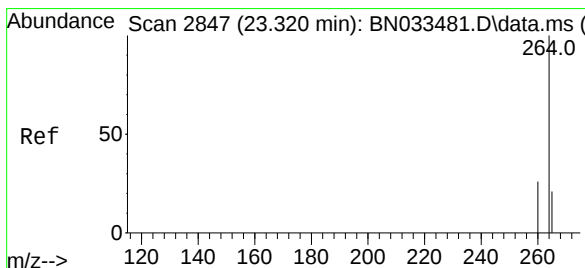
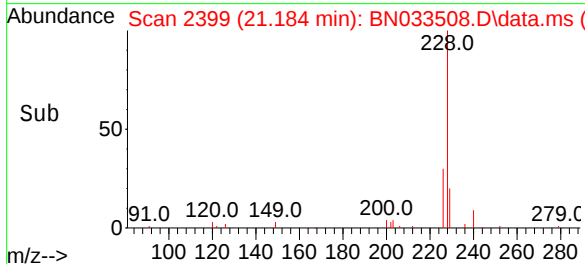
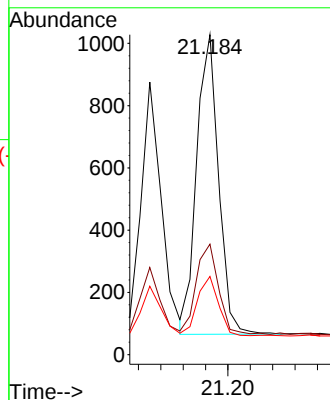
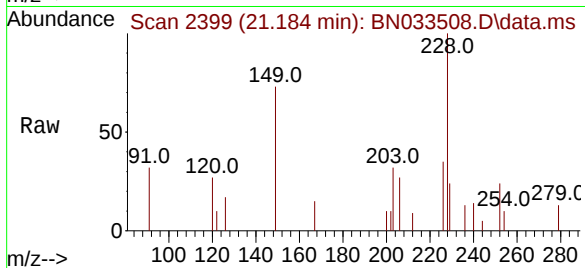
Tgt Ion:228 Resp: 1308

Ion Ratio Lower Upper

228 100

226 34.5 23.8 35.8

229 24.4 15.6 23.4#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.317 min Scan# 2846

Delta R.T. -0.003 min

Lab File: BN033508.D

Acq: 20 Aug 2024 16:28

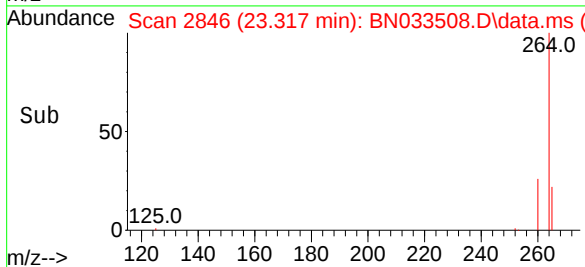
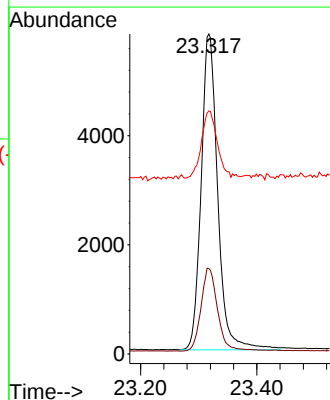
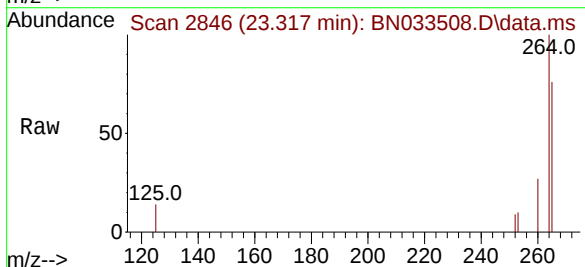
Tgt Ion:264 Resp: 11428

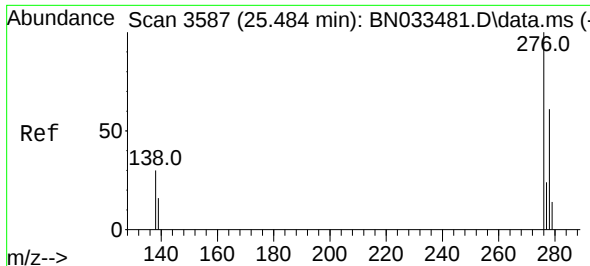
Ion Ratio Lower Upper

264 100

260 26.7 20.8 31.2

265 76.0 52.2 78.2

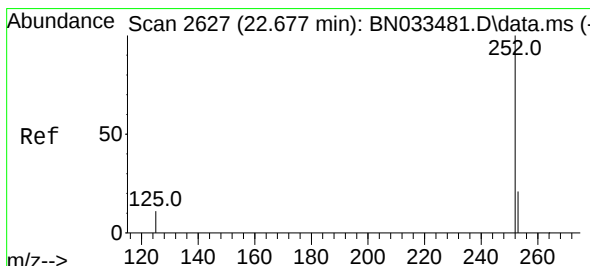
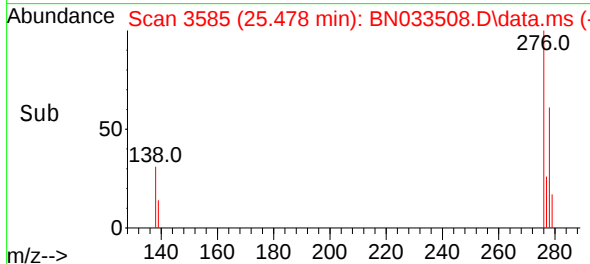
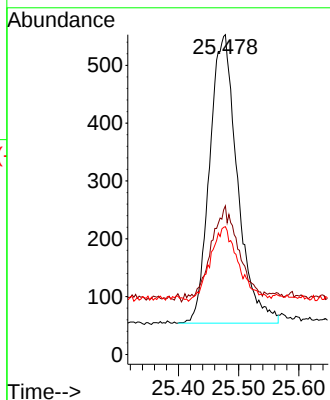
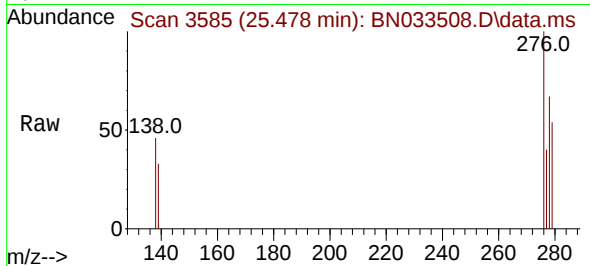




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng
RT: 25.478 min Scan# 3585
Delta R.T. -0.006 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

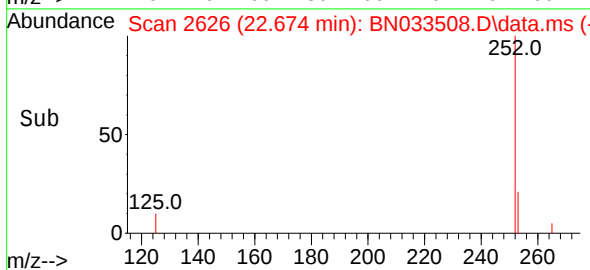
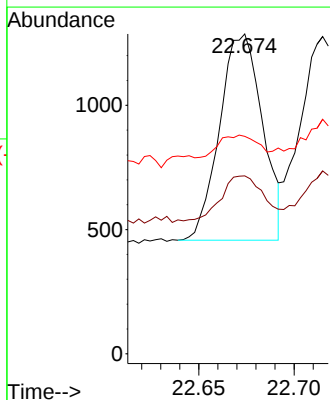
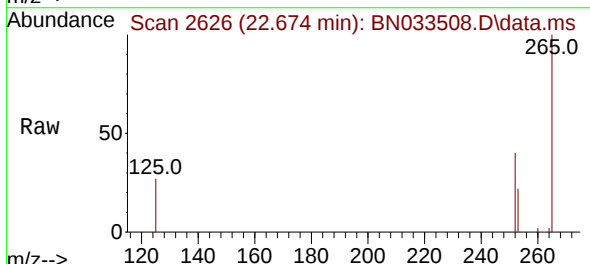
Instrument :
BNA_N
ClientSampleId :
PB162787BL

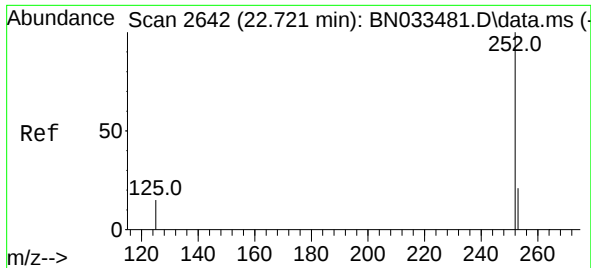
Tgt Ion:276 Resp: 1595
Ion Ratio Lower Upper
276 100
138 29.6 24.4 36.6
277 26.6 19.8 29.6



#37
Benzo(b)fluoranthene
Concen: 0.030 ng
RT: 22.674 min Scan# 2626
Delta R.T. -0.003 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

Tgt Ion:252 Resp: 1300
Ion Ratio Lower Upper
252 100
253 55.6 19.8 29.8#
125 68.0 13.9 20.9#

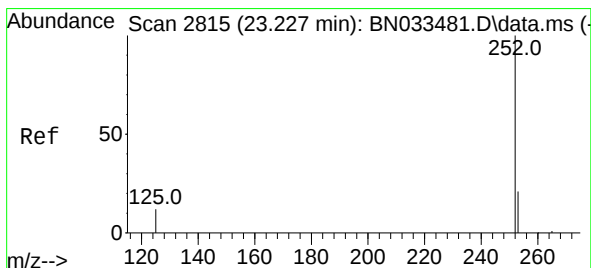
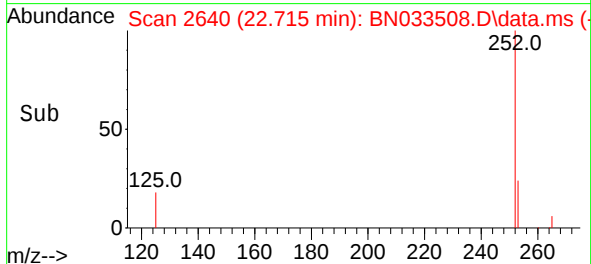
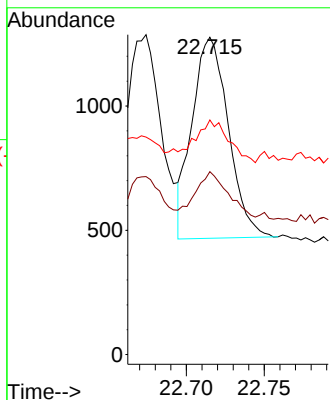
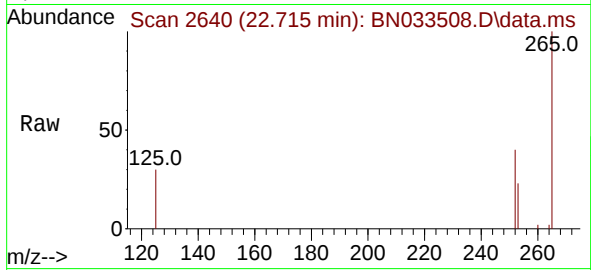




#38
Benzo(k)fluoranthene
Concen: 0.031 ng
RT: 22.715 min Scan# 2640
Delta R.T. -0.006 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

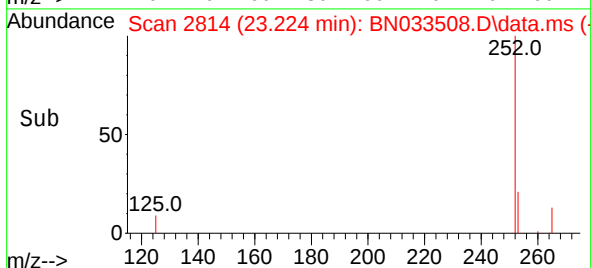
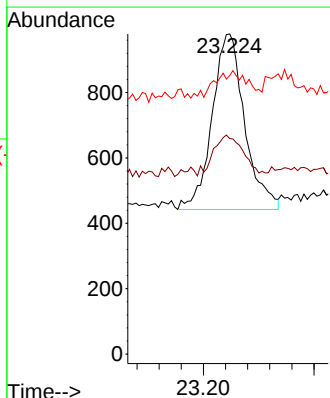
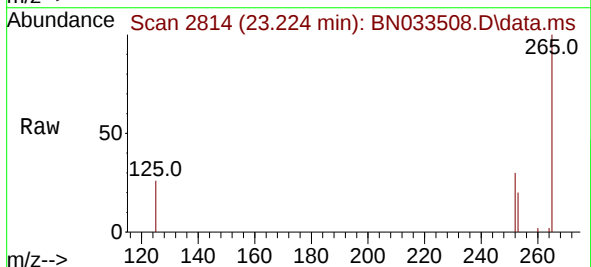
Instrument :
BNA_N
ClientSampleId :
PB162787BL

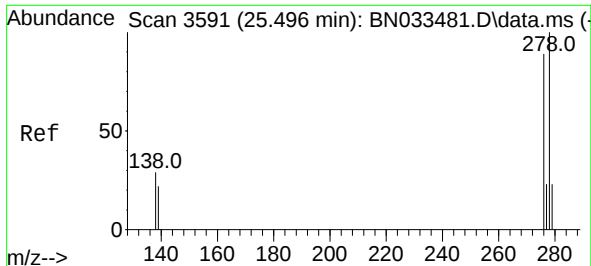
Tgt Ion:252 Resp: 1309
Ion Ratio Lower Upper
252 100
253 57.6 19.8 29.8#
125 73.9 15.8 23.8#



#39
Benzo(a)pyrene
Concen: 0.031 ng
RT: 23.224 min Scan# 2814
Delta R.T. -0.003 min
Lab File: BN033508.D
Acq: 20 Aug 2024 16:28

Tgt Ion:252 Resp: 1097
Ion Ratio Lower Upper
252 100
253 67.3 21.5 32.3#
125 87.0 17.0 25.4#





#40

Dibenzo(a,h)anthracene

Concen: 0.034 ng

RT: 25.490 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN033508.D

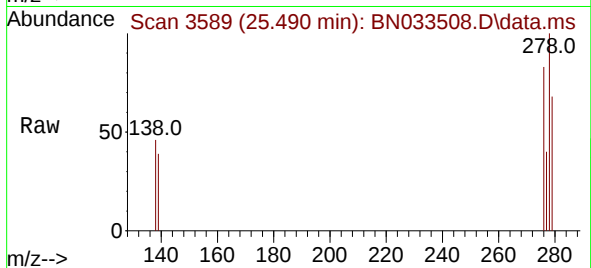
Acq: 20 Aug 2024 16:28

Instrument :

BNA_N

ClientSampleId :

PB162787BL



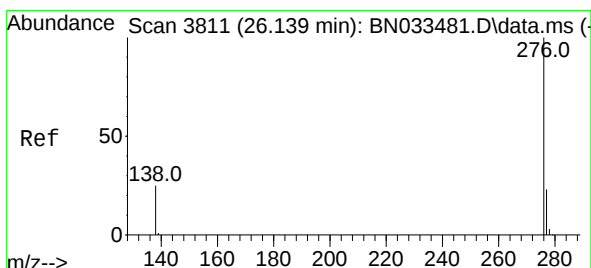
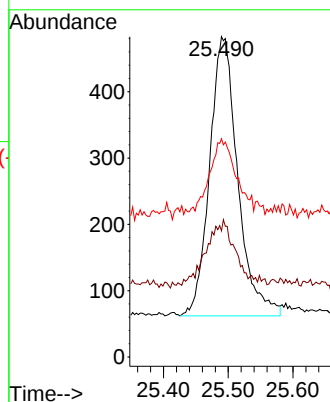
Tgt Ion:278 Resp: 1274

Ion Ratio Lower Upper

278 100

139 39.3 19.1 28.7#

279 68.1 21.0 31.4#



#41

Benzo(g,h,i)perylene

Concen: 0.032 ng

RT: 26.121 min Scan# 3805

Delta R.T. -0.018 min

Lab File: BN033508.D

Acq: 20 Aug 2024 16:28

Tgt Ion:276 Resp: 1315

Ion Ratio Lower Upper

276 100

277 40.4 19.7 29.5#

138 44.1 21.8 32.6#

